IN THE CLAIMS:

Please cancel Claims 1, 2 and 5 to 13 without prejudice or disclaimer of subject matter. Please amend Claims 3 and 4 as shown below. The claims, as pending in the subject application, read as follows:

1. to 2. (Cancelled)

3. (Currently Amended) ~~The electric potential measuring device according to claim 1;~~ An electric potential measuring device comprising:

a signal detection electrode;

a movable structure comprised of a first solid material portion comprised of a dielectric and a second solid material portion comprised of a conductive material; and

a drive mechanism for moving the movable structure in such a way as to change a positional relationship of the first and second solid material portions for the signal detection electrode,

wherein the movable structure has no aperture and a charge induced on the signal detection electrode is modulated by moving the movable structure, to measure an electric potential of the object to be measured,

and wherein said second solid material portion is periodically shaped in a predetermined direction, and an insulator layer is formed on said detection electrode, and an electric conductor layer of a shape having the same direction and the same periodic length as the second solid material portion is formed on the insulator layer.

4. (Currently Amended) ~~The electric potential measuring device according to claim 1,~~ An electric potential measuring device comprising:

a signal detection electrode;

a movable structure comprised of a first solid material portion comprised of a dielectric and a second solid material portion comprised of a conductive material; and

a drive mechanism for moving the movable structure in such a way as to change a positional relationship of the first and second solid material portions for the signal detection electrode,

wherein the movable structure has no aperture and a charge induced on the signal detection electrode is modulated by moving the movable structure, to measure an electric potential of the object to be measured,

and wherein said second solid material portion is periodically shaped in a predetermined direction, and an electric conductor layer of a shape having the same direction and the same periodic length as the second solid material portion is formed on said detection electrode through an insulator layer, and no insulator layer exists in a part in which the electric conductor layer is not formed but the signal detection electrode is exposed.

5. to 13. (Cancelled)